

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102720\
 Data File : VX019133.D
 Acq On : 27 Oct 2020 12:40
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 12:33:13 PM

Quant Time: Oct 27 13:33:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:11:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	301886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	496840	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	444265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222263	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	175868	48.66	ug/l	0.00
Spiked Amount						
			Recovery	=	97.32%	
35) Dibromofluoromethane	5.46	113	143125	46.88	ug/l	0.00
Spiked Amount						
			Recovery	=	93.76%	
50) Toluene-d8	8.70	98	541478	46.01	ug/l	0.00
Spiked Amount						
			Recovery	=	92.02%	
62) 4-Bromofluorobenzene	11.12	95	202977	48.34	ug/l	0.00
Spiked Amount						
			Recovery	=	96.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	123825	51.647	ug/l	100
3) Chloromethane	1.31	50	134155	51.965	ug/l	100
4) Vinyl Chloride	1.39	62	161116	49.946	ug/l	100
5) Bromomethane	1.64	94	108146	53.072	ug/l	100
6) Chloroethane	1.71	64	104102	47.869	ug/l	100
7) Trichlorofluoromethane	1.92	101	259488	47.335	ug/l	100
8) Diethyl Ether	2.17	74	100274	46.416	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	141819	50.866	ug/l	100
10) Methyl Iodide	2.49	142	155519	50.487	ug/l	100
11) Tert butyl alcohol	3.02	59	186229	251.557	ug/l	100
12) 1,1-Dichloroethene	2.36	96	143154	50.741	ug/l	100
13) Acrolein	2.27	56	81816	227.815	ug/l	100
14) Allyl chloride	2.71	41	220407	58.758	ug/l	100
15) Acrylonitrile	3.12	53	411388	276.572	ug/l	100
16) Acetone	2.42	43	332558	278.419	ug/l	100
17) Carbon Disulfide	2.55	76	403389	51.604	ug/l	100
18) Methyl Acetate	2.75	43	160933	54.822	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	516831	53.024	ug/l	100
20) Methylene Chloride	2.84	84	163372	48.174	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	164509	49.597	ug/l	100
22) Diisopropyl ether	3.82	45	452626	57.131	ug/l	100
23) Vinyl Acetate	3.78	43	2044323	293.134	ug/l	100
24) 1,1-Dichloroethane	3.67	63	278915	53.879	ug/l	100
25) 2-Butanone	4.64	43	541134	284.049	ug/l	100
26) 2,2-Dichloropropane	4.55	77	260772	53.543	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	187338	50.206	ug/l	100
28) Bromochloromethane	4.98	49	116253	51.913	ug/l	100
29) Tetrahydrofuran	5.09	42	350295	288.837	ug/l	100
30) Chloroform	5.18	83	299504	52.207	ug/l	100
31) Cyclohexane	5.55	56	244298	53.301	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	271044	52.959	ug/l	100
36) 1,1-Dichloropropene	5.77	75	225564	51.773	ug/l	100
37) Ethyl Acetate	4.79	43	217451	56.574	ug/l	100
38) Carbon Tetrachloride	5.75	117	237958	53.067	ug/l	100

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39) Methylcyclohexane	7.44	83	277120	51.879	ug/l	100
40) Benzene	6.11	78	656237	51.385	ug/l	100
41) Methacrylonitrile	5.00	41	116605	58.778	ug/l	100
42) 1,2-Dichloroethane	6.16	62	241599	55.348	ug/l	100
43) Isopropyl Acetate	6.41	43	360856	57.383	ug/l	100
44) Trichloroethene	7.19	130	183092	50.067	ug/l	100
45) 1,2-Dichloropropane	7.49	63	161497	53.770	ug/l	100
46) Dibromomethane	7.64	93	117140	51.767	ug/l	100
47) Bromodichloromethane	7.87	83	240615	54.372	ug/l	100
48) Methyl methacrylate	7.74	41	176750	59.604	ug/l	100
49) 1,4-Dioxane	7.73	88	78072	1020.457	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1076183	292.953	ug/l	100
52) Toluene	8.76	92	422252	51.115	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	268151	54.822	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	285210	54.753	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	167542	50.939	ug/l	100
56) Ethyl methacrylate	9.16	69	263377	55.467	ug/l	100
57) 1,3-Dichloropropane	9.35	76	282331	52.422	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	687214	267.178	ug/l	100
59) 2-Hexanone	9.47	43	815692	291.890	ug/l	100
60) Dibromochloromethane	9.56	129	188517	53.770	ug/l	100
61) 1,2-Dibromoethane	9.65	107	178494	51.144	ug/l	100
64) Tetrachloroethene	9.32	164	165305	48.818	ug/l	100
65) Chlorobenzene	10.12	112	451422	50.885	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	167175	52.688	ug/l	100
67) Ethyl Benzene	10.23	91	814040	52.431	ug/l	100
68) m/p-Xylenes	10.34	106	617771	103.535	ug/l	100
69) o-Xylene	10.68	106	291564	50.989	ug/l	100
70) Styrene	10.70	104	498587	52.333	ug/l	100
71) Bromoform	10.84	173	134220	53.711	ug/l	100
73) Isopropylbenzene	11.00	105	788678	52.790	ug/l	100
74) N-amyl acetate	10.88	43	297545	61.423	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	249184	53.401	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	233080m	56.113	ug/l	
77) Bromobenzene	11.24	156	196727	52.583	ug/l	100
78) n-propylbenzene	11.34	91	902982	53.860	ug/l	100
79) 2-Chlorotoluene	11.40	91	527322	53.493	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	667688	54.156	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	87162	55.460	ug/l	100
82) 4-Chlorotoluene	11.49	91	630220	53.995	ug/l	100
83) tert-Butylbenzene	11.76	119	646100	53.645	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	677286	54.325	ug/l	100
85) sec-Butylbenzene	11.93	105	770542	53.294	ug/l	100
86) p-Isopropyltoluene	12.05	119	719468	53.753	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	355923	51.408	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	357813	49.598	ug/l	100
89) n-Butylbenzene	12.37	91	656077	53.770	ug/l	100
90) Hexachloroethane	12.58	117	124868	55.764	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	345054	50.892	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	61381	59.565	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	251208	53.153	ug/l	100
94) Hexachlorobutadiene	13.77	225	108401	51.626	ug/l	100
95) Naphthalene	13.82	128	803239	53.970	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	243261	52.464	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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